COE 197 ME08: DOCKER

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2. Changing Images

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root@9d1149a27139:/# ping google.com
PING google.com (216.58.200.238) 56(84) bytes of data.
64 bytes from 216.58.200.238: icmp_seq=1 ttl=37 time=72.5 ms
64 bytes from 216.58.200.238: icmp_seq=2 ttl=37 time=54.0 ms
64 bytes from 216.58.200.238: icmp_seq=3 ttl=37 time=56.0 ms
64 bytes from 216.58.200.238: icmp_seq=4 ttl=37 time=45.5 ms
64 bytes from 216.58.200.238: icmp_seq=5 ttl=37 time=54.6 ms
64 bytes from 216.58.200.238: icmp_seq=6 ttl=37 time=54.8 ms
64 bytes from 216.58.200.238: icmp_seq=7 ttl=37 time=48.0 ms
64 bytes from 216.58.200.238: icmp_seq=8 ttl=37 time=43.0 ms
64 bytes from 216.58.200.238: icmp_seq=9 ttl=37 time=46.0 ms
^C
--- google.com ping statistics ---
9 packets transmitted, 9 received, 0% packet loss, time 10161ms
rtt min/avg/max/mdev = 43.087/52.745/72.509/8.327 ms
root@9d1149a27139:/# exit
exit
PS C:\Users\Jalen> docker ps -a
CONTAINER ID    IMAGE         COMMAND       CREATED        STATUS                  PORTS     NAMES
9d1149a27139    ubuntu:16.04  "/bin/bash"   2 minutes ago  Exited (0) 4 seconds ago          gallant_bhaskara
PS C:\Users\Jalen> docker commit --help

Usage:  docker commit [OPTIONS] CONTAINER [REPOSITORY[:TAG]]

Create a new image from a container's changes

Options:
  -a, --author string    Author (e.g., "John Hannibal Smith
                         <hannibal@a-team.com>")
  -c, --change list      Apply Dockerfile instruction to the created image
  -m, --message string   Commit message
  -p, --pause            Pause container during commit (default true)
PS C:\Users\Jalen> docker commit -a 'Mahal Q. Siya' -m 'Added ping utility.' 9d1 brogelio/ping
sha256:83c7ce3d5bf27fc2bce1473427a4a95ee87e2c5421d818572470d47a27a4831b
PS C:\Users\Jalen> docker images
REPOSITORY      TAG       IMAGE ID       CREATED         SIZE
brogelio/ping   latest    83c7ce3d5bf2   13 seconds ago  170MB
ubuntu          16.04     9ff95a467e45   4 weeks ago     135MB
PS C:\Users\Jalen> docker run -it --rm brogelio/ping /bin/bash
root@60aa05a7b2f5:/# ping google.com
PING google.com (172.217.160.110) 56(84) bytes of data.
64 bytes from 172.217.160.110: icmp_seq=1 ttl=37 time=49.5 ms
64 bytes from 172.217.160.110: icmp_seq=2 ttl=37 time=59.0 ms
64 bytes from 172.217.160.110: icmp_seq=3 ttl=37 time=52.9 ms
64 bytes from 172.217.160.110: icmp_seq=4 ttl=37 time=44.8 ms
64 bytes from 172.217.160.110: icmp_seq=5 ttl=37 time=78.3 ms
^C
--- google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4005ms
rtt min/avg/max/mdev = 44.851/56.957/78.353/11.662 ms
```